From The Prez
Toby, WT8O

Dayton Hamvention

There is still time to sign up for the CARS bus to the Hamvention and there are still seats available. The CARS website www.2cars.org makes it simple for you to be part of the annual May event.

For those new to the hobby, or those who have never been to the Hamvention – make this your year to attend. All the major manufacturers and suppliers, and many small companies, will be displaying their products. The sellers will be represented by company owners, executives, engineers, and experienced sales people. It is **THE** place to buy equipment. The prices are usually the lowest available; show specials are abundant.

Besides the merchants inside, the outdoor flea market has radio gear galore. There are acres of vendors. If you can't find it at Dayton, it doesn't exist. Some folks come to the Hamvention just to go to the flea market.

To make the Saturday outing as comfortable and convenient as possible, CARS chartered a state of the art motorcoach. We have done this for many years, however the company we have had the pleasure of dealing with the last few year is the absolute best. The bus leaves Middleburg Heights at 5:30 AM Saturday morning, makes stops in Brunswick and Lodi and returns Saturday evening.

You can purchase your ticket to the Hamvention online in advance for $26.00 at https://hamvention.org and save four bucks off the at-the-door cost.

Memorial Day Parade

Another May event CARS traditionally supports is the Seven Hills Memorial Day Parade. We have provided communications, traffic handling, and general assistance for many years.

The City of Seven Hills repays us with venues for our ham radio licensing classes, Morse Code classes, and a yearly evening VE testing session.

It's always a good time with great weather and a fun way to kick off the summer and give back something to the community.

Anyone interested in being part of the crew, let me know by any communication method, at the May meeting, or on one of the Wednesday nets.

Thank You Alan Vasu

Toby, WT8O

CARS owes a tremendous "Thank you" to Alan Vasu, WA8MNC, founder and owner of Vasu Communications. Alan has graciously allowed CARS to use towers in Brecksville, Brunswick, and Shaker Heights for our repeater system.

Our system has evolved to be one of the best repeaters in the area. The three receive sites extend RF coverage to surrounding counties on VHF and UHF Fusion digital. The repeater can also be accessed via the internet using EchoLink, AllStar, or WIRES-X.

All of this has been made possible by Alan Vasu. In recognition and appreciation for his support, CARS awarded Alan a plaque recently at his office. Hopefully, it will find a home on his wall.

Alan Vasu accepts the plaque we awarded him for his support of the CARS repeater system.

May VE Session

The next VE testing session will be held Sunday, July 9th, at 9:15 AM at the Old Elmwood Recreation Center, 6200 Pete Wisniesky Parkway, Independence 44131. Directions and a map are on the CARS website homepage.
For information or an appointment please contact Metro, W8MET, at 216-520-1320 or metro351@sbcglobal.net

As always, walk-ins are welcome.

April 2024 Meeting Minutes

LOCATION - The meeting was held on April 9th at the Busch Funeral Home on Ridge Road in Parma, Ohio.

CALLED TO ORDER - President Toby Kolman, WT8O, called the meeting to order at 7:30 PM.

PLEDGE OF ALLEGIANCE - Those present pledged allegiance to the flag of the United States of America.

INTRODUCTIONS - Those present introduced themselves. The meeting had twenty attendees.

SEPTEMBER MINUTES—The March minutes, as published in the April issue of the *Wobbly Oscillator (WO)*, were approved with one correction. The correction was on page three, under the License Trustees section, where Mark Moro's name was misspelled. This correction will be published in the May *WO*.

TREASURER'S REPORT - Toby, WT8O, read a report provided by Matt Perlman, KE8OZU. No concerns were reported with the financials.

Matt, NU8H, readies his keyboard for the meeting minutes as the other members chat before the meeting.

Andy, KD8SCV, sells Scott, AC8NW, a hopeful winning ticket as Simpson, N8UZF, waits to buy his.

PRESIDENT'S REPORT - Toby Kolman, WT8O, reported the following:

- Voted on Rob Weil, KF8AIL, as a new member. Rob's membership was approved by the membership at the meeting.
- George, K8KR, shared Carl Beduhn, K8AV, passed away a year ago
- Hamvention Bus - Those interested can sign up on the website.
- Field Day - Coming up on June 22nd and 23rd. See the article in the *WO* to learn about the new venue. More updates on the weekly net and future meetings.
- Licensing Classes are almost over and going well!
- Positions needed to be filled - Holiday party/picnic committee chairman and refreshments volunteers.
- *WO* Contributions— Toby is open to suggestions and improvements. Thank you for the submissions. Toby requested feedback on adding a classified/stuff for sale section. After gaining feedback from members, we will add it to see how it works out. Send any "wanted ad" information to Toby.
- The roster of club members is available on the website under the membership section. If you change any of your roster information, please email the webmaster.
- Daiwa CN 460 meter is still available, and the asking price is $75; contact Toby if you are interested.

VICE PRESIDENT'S REPORT - Ron Hollas, K8RJH, reported the following:

- Consider the Value of ARRL Membership!
    - Long Standing, Growing Services, Public Service, Education, Advocacy, and Technology Access
    - Support CARS with your Membership renewal!
- ARRL Learning (Update)
    - The ARRL Online Training courses EC-001: Introduction to Emergency Communication and EC-016: Public Service and Emergency Communications Management for Radio Amateurs are no longer available on the website.
    - Before the end of April, they will be replaced with Basic EmComm and Intermediate EmComm.
    - Look at the ARRL Learning Center at https://learn.arrl.org/ for details
    - The PR-101 "Public Relations" course will continue to be available.
- The latest ARRL Podcast is the April/May 2024 edition, "Contribute to Science While You Operate."
- ARRL Audio News – For the latest in Amateur Radio News and Developments, Available and posted weekly every Friday. Check out ARRL.org for the audio link subscriptions to these podcast files.

SECRETARY'S REPORT - Secretary Matt Neely, NU8H, no updates.

PUBLIC SERVICE - Arp, K8ARP, shared the following upcoming events need volunteers:

- All CARS members are invited to the local ARES meeting. The meetings are held at the Helwig Whistle Stop on the third Tuesday of the month. Visit https://n8esg.org/ for details and to volunteer.
- The following events need volunteers:
    - April 27th - 10 AM to 4 PM - NVIS Day, held at the Middleburg Heights Library.
    - May 18-19th - Cleveland Marathon: this big event needs lots of volunteers.
    - June 8-9th - Bike to the Bay

VE UPDATE - Metro, W8MET, reported that the last session went well. The next session is Sunday, May 12th, at 9:15 AM at the Old Elmwood Recreation Center, 6200 Pete Wisnieski Pkwy., Independence, OH 44131.

PROGRAM COMMITTEE - Joe, KD8BAL, reported that

- Today, Ron, K8RJH, will present his experience working at the Cuyahoga County Emergency Operations Center (EOC) during the eclipse.

TECH COMMITTEE - Scott, AC8NW, reported no concerns with the repeater.

- Toby, WT8O, reported that the club gave a plaque to Alan Vasu for donating the tower space used by the CARS repeater system. Without Alan's generous support, the club could not afford to have the repeater system we have today. Thank you, Alan!

Bob's, K8RJH, good luck holds out winning the 50/50 drawing.

OLD BUSINESS - Toby, WT8O, led a discussion on the following:

- 10 (HF) Meter net

REFRESHMENT - Thank you to Ron, K8RJH; Matt, NU8H; and John, NU8Y.

NEXT MEETING - The Cuyahoga Amateur Radio Society's next meeting will be on May 14th at the Busch Funeral Home on Ridge Road in Parma, Ohio.

ADJOURNMENT - Toby, WT8O, adjourned the meeting.

50/50 Drawing - Bob, K8RGI, won the 50/50 drawing and donated the winnings back to the club.

Submitted by Matt Neely, NU8H, CARS Secretary

May Net Sked

May	1	AC8TN
May	8	WT8O
May	15	K8RJH
May	22	KD8ACO
May	29	AC8NW

Nets are run every Wednesday at 9:00 PM on:

146.820 (PL 110.9)

443.825(+) PL Tone 131.8
Digital Yaesu Fusion / C4FM
Linked to the 146.82 Repeater

EchoLink Node 343470 (K8ZFR-R)

Allstar Node 47067

WIRES X Node 91242-Room 01242

WELCOME NEW MEMBERS

MACK FLINN-KF8AYT
ALAN FARLEY-KF8BCC
BEN GRAY-KF8AYY
ROBERT HALADAY-KF8BAO
ERIC HALCIK-KE8ZSJ
MICHAEL HREN-KF8AYN
LOGAN LIPTAK-KF8AZW
LUKE LIPTAK-KF8AZX
DAVID MATHIS-KF8AYM
CHARLES PEDRO-KF8AYX
DENISE PEDRO-KF8AYW
DANIEL REED
BRYAN SCHRADER-KF8AYZ
COURTNEY SCRRADER-KF8BBE
ZOEY SCHRADER-KF8BBD

Behind the Scenes
April 8, 2024 Total Eclipse
Ron, K8RJH

The April 8, 2024 Total Solar Eclipse event provided a unique opportunity for Amateur Radio operators for demonstrating communication and public service skills within our local community. Affecting the Northern region of Northern Ohio, viewing the Total Eclipse offered an exceptional view of the sun's corona to an estimated 44 million people in the United States who lived in the 110 mile wide path of the totality. The path of totality extended from Mexico to Dallas to Indianapolis to Cleveland to Buffalo to Caribou, Maine. A partial eclipse was visible from many places outside of that path.

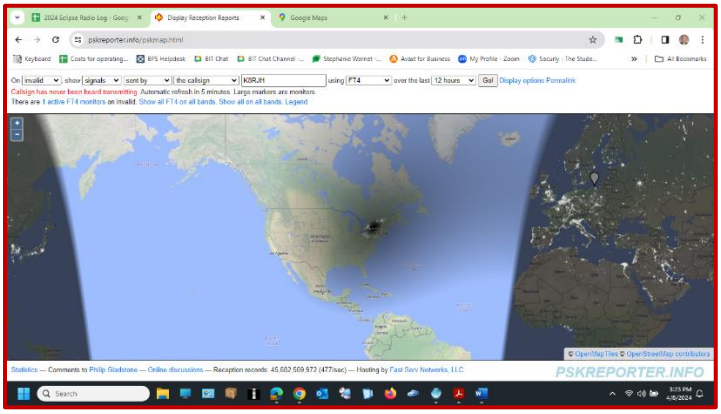
The Amateur Radio set-up in the Cleveland EOC consisting of HF, UHF/VHF and DMR Hot-spot, WinLink Capable. This was back-up net control and operated by Ron, K8RJH. Both Local and State Communication to Columbus EOC was established and maintained during the solar event.

The City of Cleveland and the Cuyahoga County requested formal support from ARES assisting with enhancing the situational awareness of communicating and reporting local traffic status, monitoring safety at public solar watch parties, and staging resources with the various local public service agencies.

Over 20 amateur operators volunteered in this Monday weekday event and were positioned in key locations throughout the area that included the National Weather Service, both Cleveland and Cuyahoga Emergency Operations Centers (EOC), Lakefront and Science Center waterfronts, Euclid Beach, Guardians Stadium, Bay Village, Cleveland and Westlake Police Departments, Cuyahoga Fairgrounds, and the Wade Oval District.

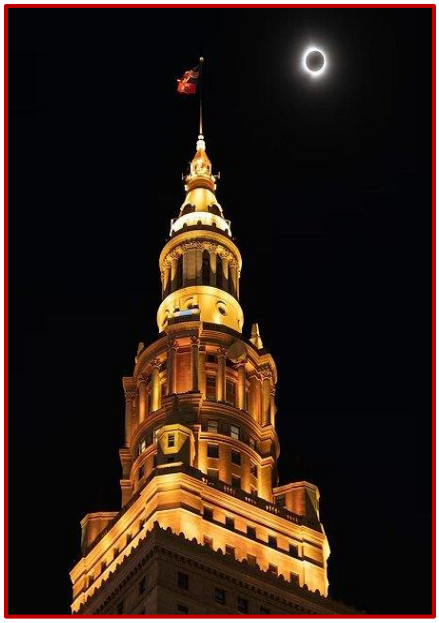
A special mention goes to the CARS club members who participated with this Event Activation. The list includes Chuck Mehozonek, K8CVM; Stephen Bopple, K3EAD; Bob Robbins, K8RGI; Bob Ozog, KC8MRC; Bill Brown, N8BBB; Simpson Huston, N8UZF, and Ron Hollas, K8RJH.

These types of eclipses occur every 18-24 months but often happen over vast oceans or uninhabited areas. Any given place on Earth's surface will only experience one total solar eclipse, lasting only a few minutes, every 375 years on average. The last time any part of Ohio saw a total solar eclipse was 1806. After 2024, Ohio won't see anything until 2099. Cleveland won't see another total solar eclipse until 2444.



An good internet tool to follow eclipses is www.pskreporter.info .

The useful feature is the ability to follow the shadow of an eclipse in real time.



Stunning view of totality as viewed in Downtown Cleveland

By any measurement, this year's Total Solar Eclipse was an operational success. It gave me a chance to further improve my operating skills, meet new local area amateurs and provide community support for this historic local event. Again, I recommend any amateur to participation in any public service event who would like to experience sharing their operating skills for our community.

For additional information on Solar Eclipses;
Search the internet for "How Ancient Humans Studied—And Predicted—Solar Eclipses", and The Saros cycle
https://eclipse.gsfc.nasa.gov/SEsaros/SEsaros.html

The time and coverage of the April 8, 2024 Total Solar Eclipse Event.

Licensing Class-Huge Success

Toby, WT8O

Fourteen new hams entered the Amateur Radio Service by passing their Technician exams, and two hams obtained their General ticket in the 2024 CARS license class sessions. The mood was electric when it was announced that everyone tested passed. All those who passed the Tech Class were given a membership to CARS at no charge.

Passing the Technician exam were Mack Flinn, KF8AYT; Al Farley, KF8BCC; Ben Gray, KF8AYY; Mike Hren, KF8AYN; Rob Haladay, KF8BAO; Luke Liptak, KF8AZX; Logan Liptak, KF8AZW; Dave Mathis,KF8AYM; Chuck Pedro, KF8AYX; Denise Pedro, KF8AYW; Daniel Reed*; Bryan Schrader, KF8AYZ; Courtney Schrader, KF8BBE, and Zoey Schrader, KF8AYZ.

Two CARS members, Tim Sanborn, KF8AAF, and Perry Trunick, KB8AYQ, both passed their General exams.

Special thanks to Metro, W8MET, and his VE team that administered the exam. That fine team consisted of Metro, W8MET; Gary, NI8Z; George, K8KR; Roger, N8TCP; Linda, N8LRS; Joel, K8SHB, and Mark, NO8J.

Also, wish to show great appreciation to Ron, K8RJH; Joel, K8SHB, and Toby, WT8O, the instructors; and to David, KD8ACO, who wrote and published all the study material and related information.

It's great to hear from the grads who plan to be at our next meeting and some who are taking the bus to the Dayton Hamvention.

*Has not received call sign yet.

The happy, and relieved, graduates. [Above]

The illustrious VE team. [Below]

Field Day 2024

As announced previously, the 2024 CARS Field Day will be held at a new location-Elmwood Park in Independence. Field Day is always the last full weekend in June; this year it will be Saturday, June 22nd, and June 23rd. Operating hours will be 2:00 PM Saturday through 2:00 PM Sunday.

We will set-up Friday evening and Saturday morning.

We encourage members to attend and invite guests to our Saturday Dinner. We need people to sign up, so we know how many people to expect. To sign up please contact Bob, K8RGI (robert@rjrobbins.net - 216-642-3854), or Toby, WT8O (wt8o@att.net – 440-525-6109), via email or phone, or sign up at the May or June meetings, or on the nets.

We will be hosting three Zoom meetings to help those who may not be familiar with a particular mode of operation. These will be informal sessions with opportunity to ask questions.

The first Zoom meeting will be Tuesday, May 21, 2023 at 7:30pm. The topic will be Digital Mode operation and logging

The second Zoom meeting will be Tuesday, May 28, 2024 at 7:30pm. The topic will be CW Operation and using logging software macros.

The third Zoom meeting will be Tuesday, June 4, 2024 at 7:30pm. The topic will be SSB operation.

The login credentials for all three Zoom meetings are:

https://us06web.zoom.us/j/82746010633?pwd=OdAlMyyI6HvFBteRjdkcpEHBGYkfFA.1

Meeting ID: 827 4601 0633

Passcode: 767639

Everyone wants to be in with the in crowd and look spiffy at Field Day, and we are making that easy for you by ordering the 2024 shirts for everyone on May 28th. The shirts are $25.00 each.

Again contact Bob, K8RGI, or Toby, WT8O, to order.

Visiting the Historic VOA Bethany Relay Museum
Ron, K8RJH

One of the must-visit locations for any radio enthusiast is the Voice of America (VOA) Bethany Relay Station, located in West Chester, Ohio.

For me, It was worth the short three plus hour drive from Cleveland to this Historic Site just north of Cincinnati. It was known by many shortwave enthusiasts by its distinctive multilanguage programming for a worldwide audience beamed from southeast Ohio. The Bethany VOA facility began operation in late 1942, just taking under one year for design, construction and commissioning. Scheduled live programming was initially sourced from a studio in Cincinnati, later switching to New York and, ending up in more modern times, produced from a dedicated VOA studio in Washington D.C.

Historic VOA Bethany Relay Station Transmitter Building and Museum.

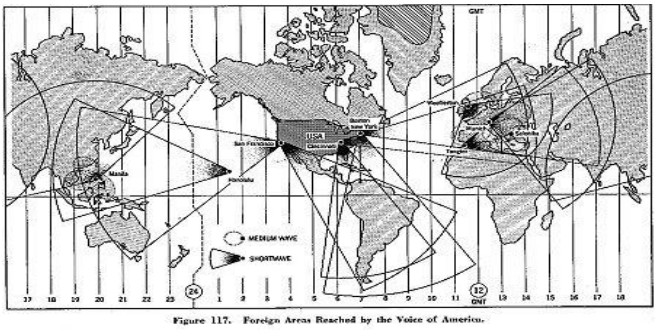


Figure 117. Foreign Areas Reached by the Voice of America.

Early 1960's VOA Network HF Coverage.

Arriving to the historic site, one cannot appreciate the prominence of the large "Art Deco" style of the transmitter building with its primary function of housing up to eight high power (250 KW) shortwave transmitters feeding the array of double-rhombic and large Curtin antennas. This made VOA Bethany Relay into an important tool of American Diplomacy and Information.

When touring the VOA Bethany Relay Station, it is impressive to learn that this site utilized 24 large rhombic antennas. These high-efficiency re-entrant rhombic antennas were specifically designed for VOA to address the challenge of dissipating transmitter high power at the antenna termination, an engineering challenge in the 1940's as all the feedlines and parts had to be custom built. Transmitter engineers carefully controlled phasing and impedance matching. This resulted in any recirculated power was redirected back into the antenna input, resulting with efficient signal propagation of over 90 percent on all of the six shortwave bands it used.

In addition to the rhombic antennas, the station also featured two large curtain antennas. These curtains allowed for simultaneous transmissions to targeted regions overseas, including station receiving relay ships in the Mediterranean that boosted the signal into the Soviet Union.

All of these broadcast antennas were constructed and fit within a one square mile of acreage. The vertical height of the arrays exceeded 400 feet making for a lot of towers and wires.

The VOA Bethany Relay Station was originally developed as a fallback transmission facility, away from the East Coast. This strategic placement ensured that transmitters were not vulnerable to attacks from German submarines or other invading forces when it was first built. The site continuously provided reliable communication overseas during wartime and peacetime periods.

The facility closed in 1994, and most of its transmitters and spare equipment were shipped to other facilities abroad. The antennas were removed, and the square mile of land was converted into a park and a shopping center. The VOA building has now become a museum, focusing on the early days of Shortwave broadcasting, the Crosley Corporation which initially built and operated the station, with radio and television entertainment history in Ohio. It also includes an impressive collection of early Amateur Radio equipment.

Greg (VOA Tour guide) and Ron, K8RJH, in the VOA Bethany Relay Control Room.

Amateur Radio Station WC8VOA. This room has at least six operating positions equipped with modern equipment. Voice and FT8 are popular modes for the volunteers and visiting hams.

Next CARS Meeting

Tuesday, May 14 - 7:30 PM

Busch Community Room
7501 Ridge Rd. - Parma

Joseph Reardon

Will present a program on:

His chance meeting and discussion with Lee Harvey Oswald four months before the Kennedy assassination.

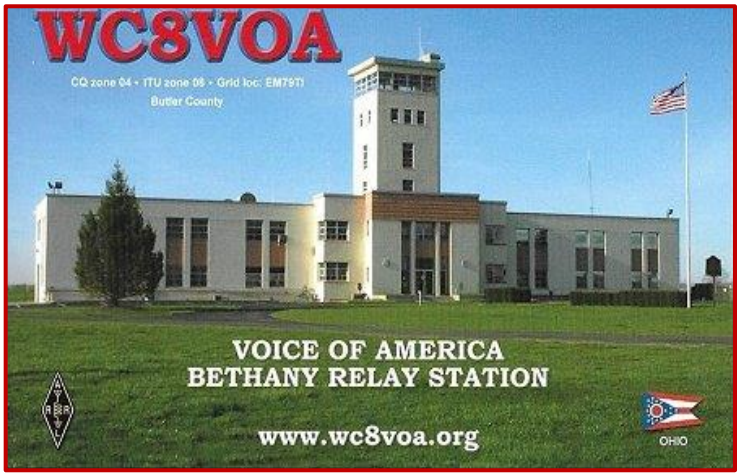
See Website for Details - www.2cars.org

Today, the West Chester Amateur Radio Association operates the club station, WC8VOA in the museum and is usually staffed and on-air during normal exhibit hours.

When visiting the VOA Bethany Relay, I suggest talking one of the hour-long tours hosted by a very knowledgeable guide. You will gain insight on the purpose of this facility, how innovation was an important element to making VOA possible worldwide and why it remains a critical part of today's digital world.

For additional information:
VOA Bethany Relay Museum www.voamuseum.org
and National Academies of Sciences, Engineering, and Medicine. 1988. Antennas, Satellite Broadcasting, and Emergency Preparedness for the Voice of America. https://doi.org/10.17226/10444 .

A model of the 24 Rhombic and two Curtain antennas that were on the VOA site.



QSL Card from Amateur Radio Station WC8VOA. Popular Times for contact is 12:00 Noon to 4:00 PM on weekend afternoons.

CARS Repeaters

146.820 (-) PL Tone 110.9

Analog Repeater

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

AllStar Node 47067

EchoLink Node 343470 (K8ZFR-R)

WIRES X Node 91242 Room 01242

****

443.825 (+) PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.820 Repeater

Brecksville

****

444.75 (+) PL Tone 131.8

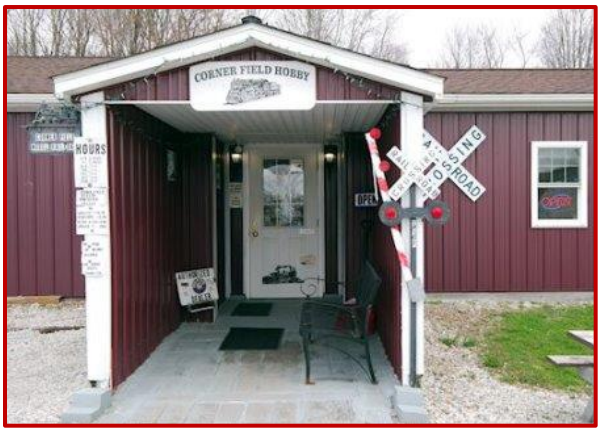
Analog Repeater

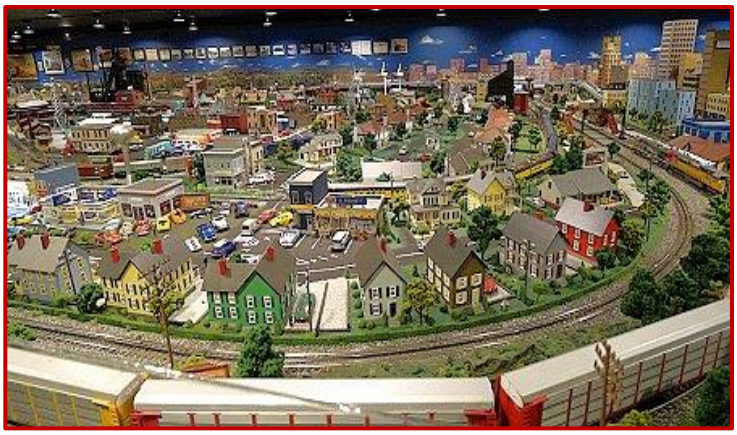
Not Linked to Other Repeaters

Shaker Hts.

Trains Anyone?
David, AC8TN

I will assume that like me, many of you played with toy trains as kids. Marx, American Flyer, and Lionel trains seemed to always find their way around the Christmas trees at friends and family's homes when I was growing up in the 60's and 70's. My love for toy trains has been with me most of my life, so when Andy, KD8SCV, asked me to check out **Corner Field Model Railroad Museum and Hobby** with him in Huntsburg, Ohio in late March, I signed up for the road trip without any hesitation.





In 1969 my Great Aunt Marion and Uncle Don gave my two brothers and me a Lionel train set. It was made up of a steam locomotive and some freight cars that traveled around a 27" diameter loop of 3-rail track. The small 18 VAC transformer permitted me to control the train's speed and operate it in both forward or reverse directions with the touch of a button. I was nine years old that Christmas. My brothers didn't take much interest in that most special gift, so I became the train's custodian. Birthdays and Christmas presents, added to the train set one or two additional items each year. Cross bucks, semaphores, a beautiful silver and red ABA Santa Fe F3 diesel engine, all added more fun to my railroad empire. By the time I was 14 years old I had a pseudo-permanent 4' X 8' layout on the basement floor, with a tunnel and passenger station. That year I also began operating CB radio. At 16 years old I earned my novice, at then at 17, my general license. Then high school, college, marriage, a mortgage, career, etc. happened. Now 55 years after that first train set, Andy and I found ourselves at the Corner Field Museum.

I was surprised to learn that Corner Field is the largest family owned toy train layout in Ohio that operates trains on 3-rail track at 18 VAC. The custom building houses a hobby shop (Trading Post Train Shop), as well as the huge layout measuring 32 by 145 feet. It has over 4500 buildings, 7000 feet of track, hundreds of freight cars, and 250 or more different locomotives. It took about 15 years to construct, and it has been open for public viewing since 2017. During the covid-years, the owner had to install special air filters in the building's HVAC system to allow the building to stay open. This filter system didn't only bring the building up to current standards but also minimized any dust on the trains and scenery. Trains on the layout are made by Lionel, MTH, Williams, American Flyer, K-Line, and Weaver.

I still operate trains in my home, right next to my amateur radio station. So many things in life change, but for me, these two hobbies have always been with me. Check out the included photos from Corner Field and make plans to visit this most amazing local treasure in Huntsburg.

The following email was forwarded to the WO by Bob Check, W8GC.

April 25, 2024

Dear Fellow hams and Friends,

It is with a sad heart as I write this letter. As many of you have heard by now, MFJ is ceasing its on-site production in Starkville, Mississippi on May 17, 2024. This is also the same for our sister companies: Ameritron, Hygain, Cushcraft, Mirage and Vectronics.

Times have changed since I started this business 52 years ago. Our product line grew and grew and prospered. Covid changed everything in businesses including ours. It was the hardest hit that we have ever had and we never fully recovered.

I turned 80 this year. I had never really considered retirement but life is so short and my time with my family is so precious.

I want to thank all of our employees who have helped build this company with me over the years. We have many employees who have made MFJ their career for 10, 20, 30, 40 and more years.

We are going to continue to sell MFJ products past May 17, 2024. We have a lot of stock on hand. We will continue to offer repair service work for out-of-warranty and in-warranty units for the foreseeable future.

Finally, a special thanks to all of our customers and our dealers who have made MFJ a worldwide name and a profitable business for so many years. You all are so much appreciated.

Sincerely Yours, 73s
Martin F. Jue, K5flu

Honorary Members

Any person who by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society

Robert Check, W8GC
Elected 2/10/15

Thomas Wayne, WB8N
Elected 1/10/17

Dwaine Modock, K8ME/SK
Elected 5/9/17

Toby Kolman, WT8O
Elected 10/10/17

Jerry Smith, NW9H
Elected 5/8/18

Ron Borkey, K8VJG/SK
Elected 5/14/19

Ed Stevens, WB8ROK/SK
Elected 8/10/21

Vince Bak, N8OVW/SK
Elected 11/14/23

The *Wobbly Oscillator* is a publication of the Cuyahoga Amateur Radio Society. Articles from this publication may be reprinted in any ham radio publication, if credit is given to this publication and the author, if known.
All submissions should be emailed to: Toby Kolman, WT8O at wt8o@att.net

2024 CARS Committees, Officers, Board and Trustees

CARS 2024 Committees

50/50
Chair: Andy Evridge, KD8SCV

Audio/Video
Chair: Scott Smith, AC8NW

Awards
Co-Chairs: Bob Check, W8GC and Toby Kolman, WT8O

Fund Raising
Chair: Bob Check, W8GC
Members: Ron Hollas, K8RJH, Matt Perlman, KE8OZU and Gary Schmid, WA8GCR

ARRL Liaison
Chair: Ron Hollas, K8RJH

Audit
Chair: Ron Hollas, K8RJH
Members: Eddie Stevens, KD8FTS and Toby Kolman, WT8O

Field Day
Co-Chairs: Bob Robbins, K8RGI and Toby Kolman, WT8O
Members: Scott Smith, AC8NW, David Korow, AC8TN, Arp Viiberg, K8ARP, Ron Hollas, K8RJH, Andy Evridge, KD8SCV and Mark Moro, WJ8WM

Hamvention Bus
Chair: Eddie Stevens, KD8FTS
Member: Toby Kolman, WT8O

Historian
Chair: Toby Kolman, WT8O

Holiday Party, Summer Picnic
Chair: Toby Kolman, WT8O
Members: Arp Viiberg, K8ARP, Kim Balach Costa, KD8FTU, Diane Balach, KD8FTV and Mark Moro, WJ8WM

License Classes
Chair: David Noeth, KD8ACO
Members: Joel Chaney, K8SHB and Toby Kolman, WT8O

Media Representative
Chair: Andy Evridge, KD8SCV

Membership
Chair: Toby Kolman, WT8O
Member: Matt Perlman, KE8OZU

Net
Chair: Toby Kolman, WT8O
Members: Scott Smith, AC8NW, David Korow, AC8TN, Ron Hollas, K8RJH and David Noeth, KD8ACO

Newsletter
Chair: Toby Kolman, WT8O

Programs at Meetings
Chair: Joe Ulaszewski, KD8BAL
Members: Eddie Stevens, KD8FTS and Matt Perlman, KE8OZU

Property to Sell Custodian
Chair: Bob Check, W8GC

Public Service
Chair: Eddie Stevens, KD8FTS
Member: Arp Viiberg, K8ARP

QSL Manager
Chair: Metro Sinko, W8MET

Quartermaster
Chair: Toby Kolman, WT8O

Records Custodian
Chair: Terry Pillatt, KB8DTC

Refreshments - Coffee
Chair: John Dernar, NU8Y

Refreshments - Donuts
Chair: Matt Neely, NU8H

Refreshments - Pop
Chair: Ron Hollas, K8RJH

Scholarship
Chair: Bob Check, W8GC
Members: Bob Robbins, K8RGI, Ron Hollas, K8RJH, Matt Perlman, KE8OZU and Toby Kolman, WT8O

Sunshine (Welfare)
Chair: Andy Evridge, KD8SCV

Technical
Chair: Scott Smith, AC8NW
Members: Mark Scoville, AD8KE, Ron Hollas, K8RJH, Terry Pillatt, KB8DTC, Mark Rosewicz, KC8ESG, David Noeth, KD8ACO and Mark Moro, WJ8WM

VE Exams
Chair: Metro Sinko, W8MET

Webmaster/email
Chair: Bob Check, W8GC
Member: Matt Perlman, KE8OZU

2024 Officers

President
Toby Kolman, WT8O
440-525-6109
wt8o@att.net

Vice-President
Ron Hollas, K8RJH
216-379-7440
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Secretary
Matt Neely, NU8H
216-965-4476
matt@matthewneely.com
Alternate Secretary: Matt Perlman, KE8OZU

Treasurer
Matt Perlman, KE8OZU
216-337-1540
matt@seagem.me

CARS 2024 Executive Board

Board Chair

Mark Moro, WJ8WM
216-496-2871
Alternate: Arp Viiberg, K8ARP

Odd Year Board Members

Arp Viiberg, K8ARP, Bob Robbins, K8RGI and Eddie Stevens, KD8FTS

Even Year Board Members

Scott Smith, AC8NW, John Dernar, NU8Y and Mark Moro, WJ8WM

CARS License Trustees

K8ZFR Trustee

Toby Kolman, WT8O

W8HBI Trustee

Bob Check, W8GC

W8BM Trustee

Bob Check, W8GC

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